

**Figure 1**

HS 33	Y																	
maize LS	LH	DF	GS	EI	LP	RA	VL	DH	SV	QA	CI	FT	GT	YW	ED	VG	TI	
wheat LS	LH	DF	GS	EI	LP	RA	LH	DH	HN	VQ	YV	FT	TD	YW	ED	I	GT	I
barley LS	LH	DF	GS	EI	LP	RA	LH	DH	HN	VQ	YV	FT	TD	YW	ED	I	GT	I
potato LS	SN	DF	GS	EI	LP	AA	ID	DD	YN	VQ	YI	FK	DD	YW	ED	I	GT	I

Figure 2

HS 40	I																									
maize LS	A	G	K	V	P	I	G	I	G	R	N	T	K	I	R	N	C	I	I	D	M	N	A	R	I	G
wheat LS	E	G	K	V	P	I	G	V	G	E	N	T	K	I	S	N	C	I	I	D	M	N	A	R	I	G
barley LS	E	G	K	V	P	I	G	V	G	E	N	T	K	I	S	N	C	I	I	D	M	N	A	R	I	G
potato LS	E	G	K	V	P	I	G	I	G	E	N	T	K	I	R	K	C	I	I	D	K	N	A	K	I	G
spinach LS	I															K	D	A	I	I	D	K	N	A	R	

Figure 3

#426

TS48 F

maize LS	C S R V S S G C E L K D S V M M G A D I
wheat LS	R S R L N S G S E L K N A M M M G A D S
barley LS	R S R L N S G S E L K N A M M M G A D S
rice LS	S S R V S S G C E L K . . . . . I
	. S R . S S G . E L K . . . m m g a d .

Figure 4A

#324

TS60 K

maize LS	D F G S E I L P R A V L D	H	S V Q . A C I F T G Y
wheat LS	D F G S E I L P R A L H D	H	N V Q . A Y V F T D Y
barley LS	D F G S E I L P R A L H D	H	N V Q . A Y V F T D Y
rice LS	D F G S E I L P R A L L E	H	N V K V A C V F T E Y
	D F G S E I L P R A I . d	H	n V q . A . v F T . Y

#359

TS60 V

maize LS	E D V G T I K S F F D A N L A L T E Q P S K F D F
wheat LS	E D I G T I R S F F D A N M A L C E Q P P K F E F
barley LS	E D I G T I R S F F D A N M A L C E Q P P K F E F
rice LS	E D I G T I K S F F D A N L A L T E Q P P K F E F
	E D i G T I . S F F D A N . A L . E Q P p K F e F

Figure 4B

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#177  
V

RTS48-2

maize LS	T Q M P E E P A G W F Q G T A D S I R K
wheat LS	T Q M P G E A A G W F R G T A D A V R K
barley LS	T Q M P G E A A G W F R G T A D A V R K
rice LS	T Q M P D E P A G W F Q G T A D A I R K
	T Q M P . E . A G W F . G T A D a . R K

Figure 5A

#396  
V

RTS60-1

maize LS	D K C K . . M K Y A F I S D G C L L R E
wheat LS	D K C R . . I K E A I I S H G C F L R E
barley LS	D K C R . . I K E A I I S H G C F L R E
rice LS	D K C K C K I K D A I I S D G C S F S E
	D K C . . . i K . A i I S . G C . f r E

Figure 5B

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